ABSTRACT OF THE DISCLOSURE

All access points are operated synchronously, and monitor the beacon to mate with the hopping frequency of the neighboring access point. Accordingly, the station can grasp the up-to-date radio situation of the neighboring access point to be entered subsequently, and constructs the information as the database. As a result, when the beacon quality of the current subscription (connected) access point is reduced lower than the threshold value, the hopping channel and the hopping pattern are fitted to the neighboring access point having the best communication environment by referring the database, and then the subscription operation is applied directly.